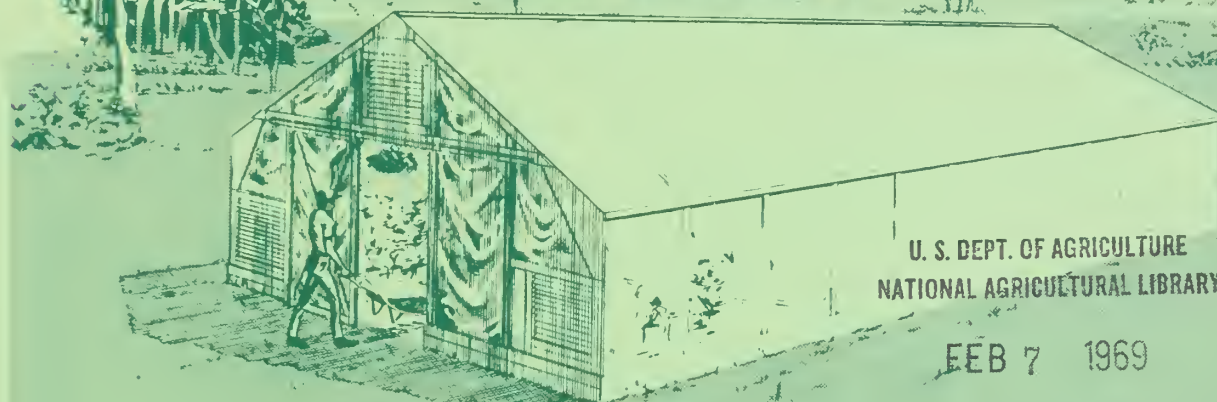


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# GREENHOUSE FRAMING for plastic covering



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CURRENT SERIAL RECORDS

This building is of wooden, rigid-frame construction with nailed plywood gussets. It is about 23 feet wide and the length may be varied as desired. If it is to be covered with plastic film, building lengths of either 48 or 96 feet are suggested so the film can be applied in unbroken lengths with a minimum of waste. Access to the building is through 7-foot-square doorways in each end.

The rigid frames are erected on a foundation consisting of short poles set in the ground to support a built-up wood sill assembly. The poles and sill planks should be pressure treated with a nontoxic preservative. Do not use a preservative that may be toxic to plants.

Careful workmanship in cutting and assembling will produce a sturdy frame. As with other light structures, the framing should be securely anchored to the foundation to reduce possible wind damage. For this same reason, the legs of each rigid frame should be fastened to the sill plate with commercial metal framing anchors. All wood above grade should be painted white to reflect a maximum of light.

To reduce the initial cost, some operators may wish to cover the house with plastic film for a season or two

and later apply rigid plastic panels for a longer lasting covering. In either case, it is important to follow the manufacturer's directions for installing the plastic.

Exhaust fans installed at one end of the building and air-intake louvers at the other end provide ventilation. Specific ventilation recommendations depend on the size of greenhouse, the type of covering, and the climate of the area in which the house is to be built. Consult your county agricultural agent or State extension agricultural engineer for recommendations. The air-intake louvers should provide a minimum of 1 square foot of free area for every 1,000 cubic feet per minute of the required fan capacity.

*Working drawings may be obtained from the extension agricultural engineer at your State university. There may be a small charge to cover cost of printing.*

*If you do not know the location of your State university, send your request to Agricultural Engineer, Federal Extension Service, U.S. Department of Agriculture, Washington, D.C. 20250. He will forward your request to the correct university.*

ORDER PLAN NO. 6029, GREENHOUSE FRAMING FOR  
PLASTIC COVERING

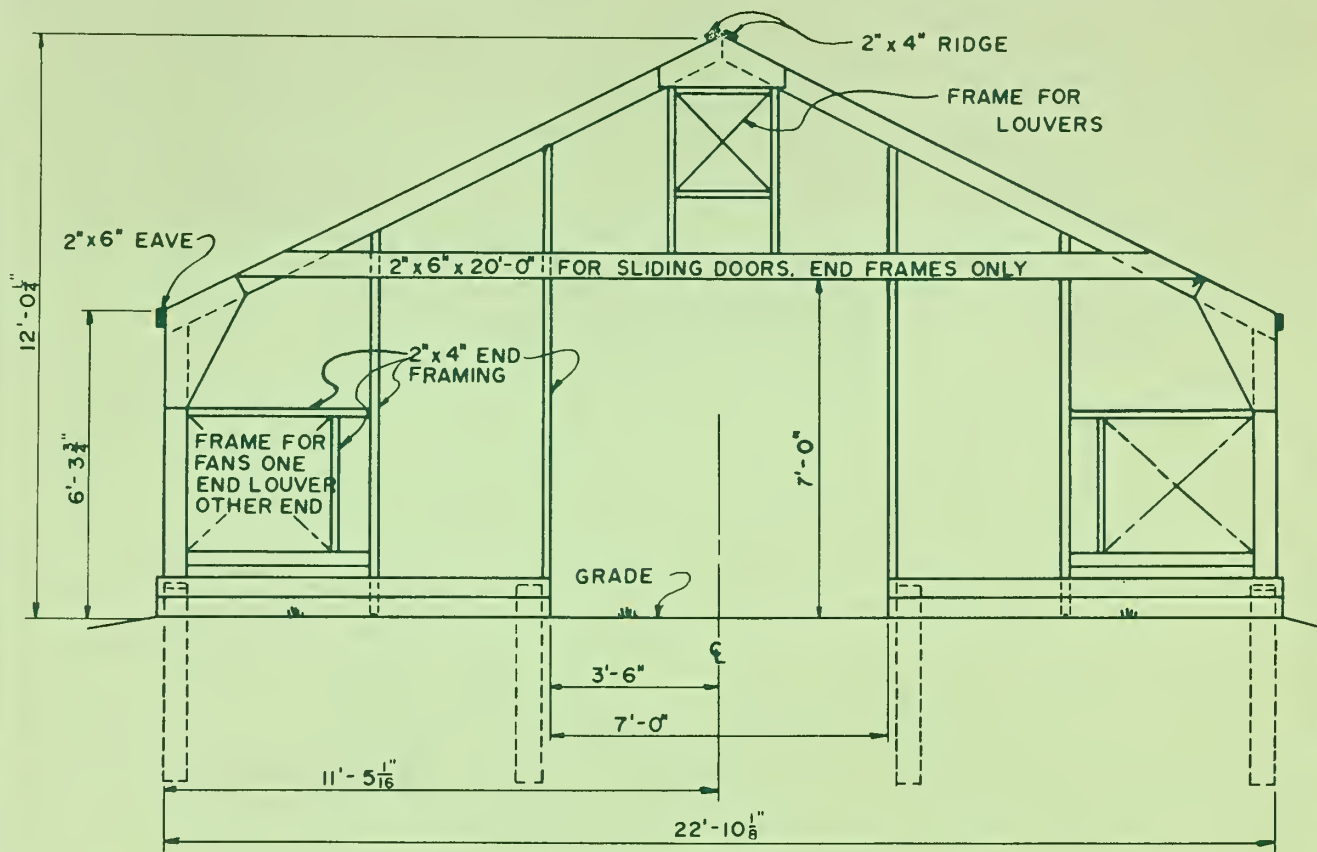
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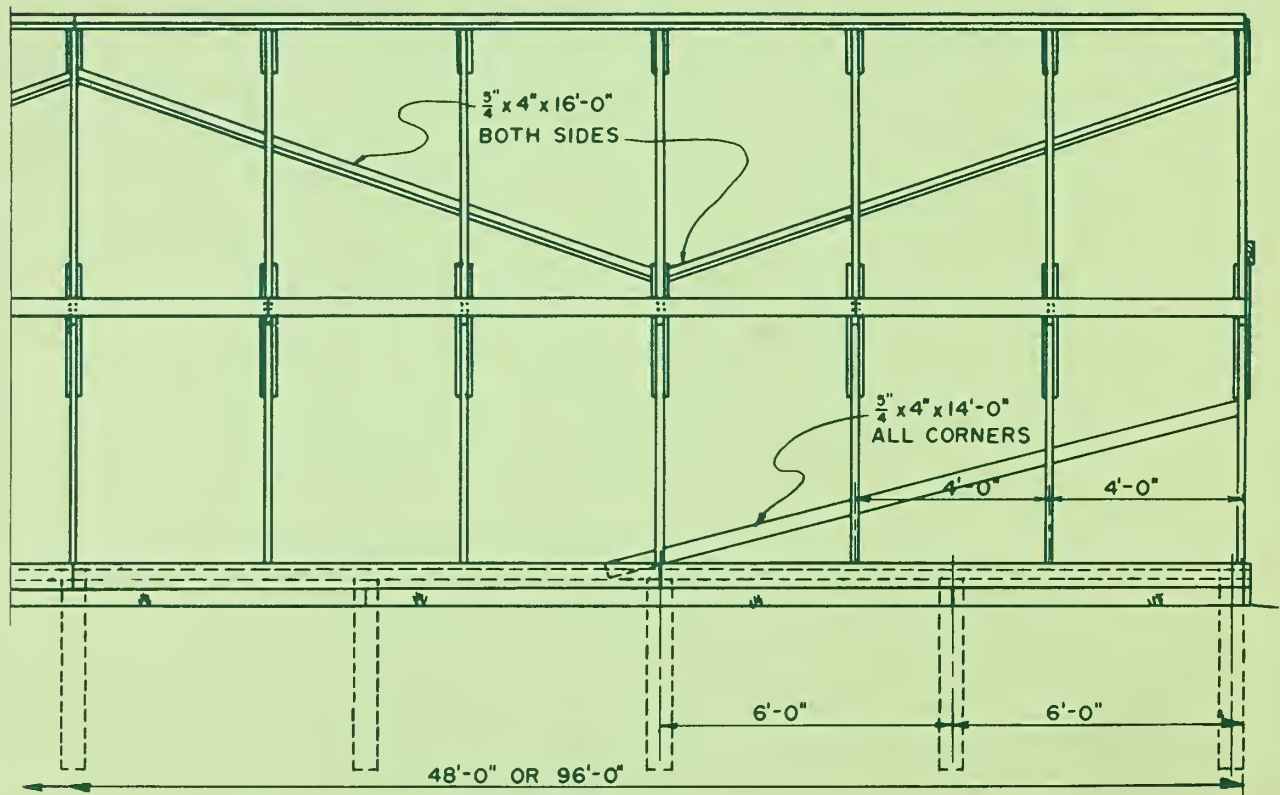
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END ELEVATION



SIDE ELEVATION



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